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Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 5000-1-381

First Inventor Han-Lim LEE et al.

Title DIRECTLY MODULATED...

Date

Express Mail Label No. | EV 326742224 US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 14 Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. paper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure 10. Attorney (when there is an assignee) English Translation Document (if applicable) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets Copies of IDS Information Disclosure 12. 5. Oath or Declaration [Total Pages Citations Statement (IDS)/PTO-1449 Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) 13. **Preliminary Amendment** а Return Receipt Postcard (MPEP 503) 14. X (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) **DELETION OF INVENTOR(S)** 15. X Signed statement attached deleting inventor(s) Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:____ Prior application information: Examiner Group Art Unit: _ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 33942 Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Address State Zip Code City Country Telephone Fax Steve S. Cha Registration No. (Attorney/Agent) 44,069 Name (Print/Type)

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10/61/115

PTO/SB/17 (01-03)
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

(\$)790.00TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	Not yet assigned			
Filing Date	July 10, 2003			
First Named Inventor	Han-Lim LEE et al.			
Examiner Name	Not yet assigned			
Art Unit	Not yet assigned			
Attorney Docket No.	5000-1-381			

Credit card	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Deposit Account: So2-470		3. ADDITIONAL FEES				
Charge fee(s) indicated below Credit any overpayments Charge fee(s) Called Charge fee(s) Calle		Large Entity Small Entity				
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Examiner action	[1812 2,520 1812 2,520 For filing a request for ex parte reexamination				
Total Claims	Charge any additional fee(s) during the pendency of this application					
1. BASIC FILING FEE Large Entity Small Entity Fee						
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1253 930 1253 935 1254 1450 1255 1450 12		1252 410 2252 205 Extension for reply within second month				
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1001 750 2001 375	F <u>ee Fee Fee Fee Description</u> Fee Paid	1254 1,450 2254 725 Extension for reply within fourth month				
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Other fee (specify)	·	• • • • • • • • • • • • • • • • • • • •				
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SUBMITTED BY (Complete (if applicable)						

SUBMITTED BY Registration No. Steve S. Cha 44,069 Name (Print/Type) Telephone 201-518-5518 Date Signature 0

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